

SEQUENCE LISTING

<110> Huisman, Gjalt
Boynton, Laura
Horowitz, Daniel M.
Gerngross, Tillman U.
Peoples, Oliver R.

<120> Microbial Strains and Processes for the Manufacture of
Biomaterials

<130> MBX 025

<140> unknown

<141> 1999-03-30

<150> 60/079,938

<151> 1998-03-30

<160> 5

<170> PatentIn Ver. 2.0

<210> 1

<211> 45

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
oligonucleotide primer SNS-Up

<400> 1

ttctctagaa ttcaggaggt ttttatggct atcagtaatg ttctg

45

<210> 2

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
oligonucleotide primer SNS-Dn

<400> 2

gccggtacct tattgacctg aatcagcggt g

31

<210> 3

<211> 684

<212> DNA

<213> Staphylococcus aureus

<220>

<221> gene

<222> (1)..(684)

<223> Staphylococcus aureus Nuclease Gene

<400> 3

```
gaattcagga ggtttttatg tatggcaatt gtttcaatat tacttatagg gatggctatc 60
agtaatgttt cgaaagggca atacgcaaag aggtttttct ttttcgctac tagttgctta 120
gtgttaactt tagttgtagt ttcaagtcta agtagctcag caaatgcac acaaacagat 180
aacggcgtaa atagaagtgg ttctgaagat ccaacagtat atagtgcac ttcaactaaa 240
aaattacata aagaacctgc gactttaatt aaagcgattg atggtgatac ggttaaatta 300
atgtacaaag gtcaaccaat gacattcaga ctattattgg ttgatacacc tgaaacaaag 360
catcctaaaa aaggtgtaga gaaatatggc cctgaagcaa gtgcatttac gaaaaaaatg 420
gtagaaaatg caaagaaaat tgaagtcgag tttgacaaag gtcaaagaac tgataaatat 480
ggacgtggct tagcgtatat ttatgctgat ggaaaaatgg taaacgaagc tttagttcgt 540
caaggcttgg ctaaagttgc ttatgtttac aaacctaac atacacatga acaacattta 600
agaaaaagtg aagcacaagc gaaaaaagag aaattaaata tttggagcga agacaacgct 660
gattcaggtc aataaggtac cggc 684
```

<210> 4

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
oligonucleotide primer linkK1

<400> 4

```
tgtctgctta cataaacagt aatacaaag 29
```

<210> 5

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
oligonucleotide primer linkK2

<400> 5

```
atattattcaa caaagccgcc 20
```